## SEQUENCE LISTING

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<110> Tavtigian, Sean V. Teng, David H.F. Simard, Jacques Rommens, Johanna M. Myriad Genetics, Inc.	
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Asn Arg Tyr Leu Phe Asn Cys Gly Glu Gly Val Gln Arg Leu Met Gln 85 90 95

Glu His Lys Leu Lys Val Ala Arg Leu Asp Asn Ile Phe Leu Thr Arg 100 105 110

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Lys Glu Thr Gly Leu Pro Lys Cys Val Leu Ser Gly Pro Pro Gln Leu 130 135 140

Glu Lys Tyr Leu Glu Ala Ile Lys Ile Phe Ser Gly Pro Leu Lys Gly 145 150 155 160

Ile Glu Leu Ala Val Arg Pro His Ser Ala Pro Glu Tyr Glu Asp Glu
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Thr Met Thr Val Tyr Gln Ile Pro Ile His Ser Glu Gln Arg Arg Gly
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Pro Ile Ile Ala Ala Val Lys Asp Gly Lys Ser Ile Thr His Glu Gly

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Leu Val Arg His Cys Lys His Ala Phe Gly Cys Ala Leu Val His Thr
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Leu Glu Asp Gly Leu Glu Glu Glu Ala Val Glu Lys Thr His Ser Thr 690 695 700

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Pro Asn Phe Ser Glu Lys Val Gly Val Ala Phe Asp His Met Lys Val 740 745 750

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<221> variation
```

<223> s at positions 826 and 23180 is G or C; y at
 positions 1914, 5568, 7165, 16431, 1857 and 20486
 is C or T; n at position 13128 is t or tgat; r at
 positions 22211 and 23879 is A or G.

<400> 28 tatcaggtga ctgaattcta tattctgaag taggagatac tgttattgct gttattacat 60 tttacacata agaaagctga ggctctgaga ggtcaagatc acgcagctaa caaatgagcc 120 aagactettg etttagaget tgteetetat tettgetttt ettteeaaaa aacactacaa 180 tttttgtttt gttttgtttt gttttgagac agggtctcga ggtgtcaccc aggctggagt 240 gcagtggcgc gatttcgact caccgcaacc tccgcctccg cgcttaagcg attctcctgc 300 ctcagcctcc caagtagctg ggactacaag ctcgggacac cacgtaaaaa tgatcaagtt 360 ctaacatgta tgcatacgaa ttacaatgga aataaaatta gcaaagcgct tatgctaatg 420 ctcaatacaa ttgatttcct cacatttaat cctcacaacc actacaacca cctctaactc 480 aagetetgag ggaetgaegt geeeggagga caeagetett atetggtgag aacaggageg 540 ttttagcgaa actccaaact cctaggtccc gccttcccca ggaaggcttt tcctggcact 600 gtgcttccgg aagtcccgcc ccaggagaaa aacagcttcc ggaaaaaatt gcggccggca 660 aaccqqaaca gaactagggg cggggccgct tgagacgctc tagtattcct ctactctatg 720 gccactgtca attgacaagt cccgagcggt aaagctcctt tctattggat gagcagcctc 780 gcgtaggcgg gaagctcggt gcacggcgcg ctgattggct ggatcsgcca tgcggagcgg 840 ctaggtggtg cacgggaaac gcgggcgtag gtgaccggcg gctttctcag ttttggtgga 900 gacgggcgca tgtgggcgct ttgctcgctg ctgcggtccg cggccggacg caccatgtcg 960 cagggacgca ccatategca ggcaceegce egeegegage ggeegegeaa ggaceegetg 1020 cggcacctgc gcacgcgaga gaagcgcgga ccgtcggggt gctccggcgg cccaaacacc 1080 gtgtacctgc aggtggtggc agcgggtagc cgggactcgg gcgccgcgct ctacgtcttc 1140 teegagttea aceggteagt caaegageea egeeeegtee egetgggeee teagtgegge 1200 gcagcctctg agcatcgggg cacctcccag ggcttcggct tccctgcttc acacatgtgg 1260 ttcactgttg cgggggttcg tggagttatg gtgggtggga aatccgagat tctttgcatc 1320 catgtgattt ctgcggatct gtgaagaact tcaggcctgg gtctgagcgt ccttttccca 1380 accettggge eceggeetgg etgteageae ttteggaget ecaecetett eegtgeacee 1440 caaggccagt gtgtcgttgt tagcgtgtgg ggtggacaga tctggtgtgt agccggtggt 1500 ggagaaagga ctcattttgt cctagcaccc acacacacag gcccccactc ctctccacct 1560 ctgctaagga gggctcaaaa cccaccagca taaatgtggc tcggtagtcc aacgtggact 1620

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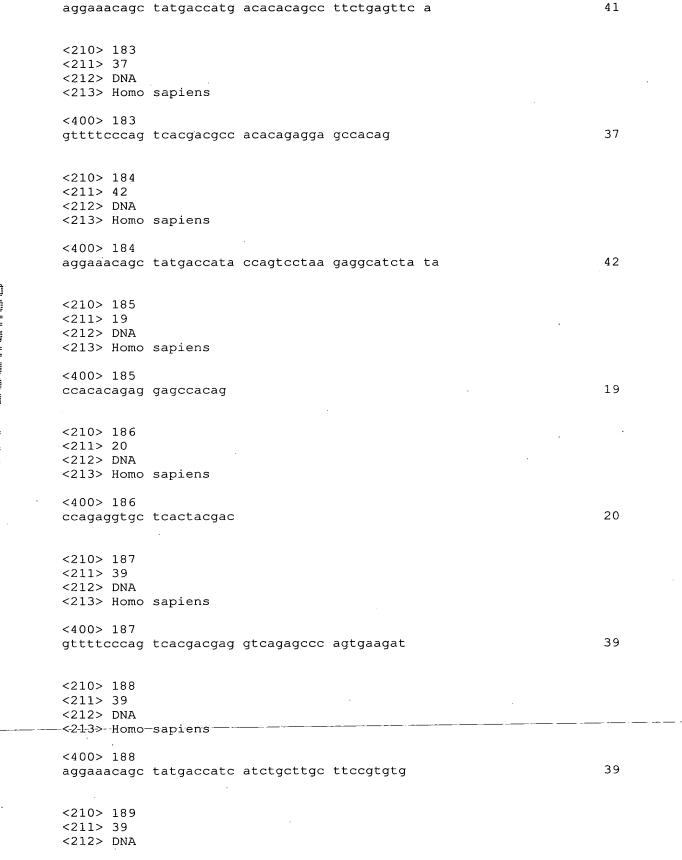
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